# Course Blueprint

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|---|---|
| ***Working Title*** | *ELR 104: Elera Supported Evolution* |
| ***Requestor*** | John Doe |
| ***Stakeholders*** | |
| ***Reviewers*** | Jane Doe |
| ***Target Date*** | 8/20/2021 |

## Course Description

In this course students will learn how Elera supports the evolution of retailers for legacy systems to Elera. They will be introduced to the available databridges that translate data between systems and learn about how they work.

## Objectives

| OBJECTIVE | SME |
|---|---|
| 1. List three currently available databridges | Adam |
| 2. Describe main purpose of each | Adam |
| 3. Give example use-cases enabled with databridges | Adam |
| 4. Describe, in general, how data is mapped from/to legacy systems to/from Elera | Adam |
| 5. List prerequisites to successful use of databridges (node config) | Adam |

## Audience

- TGCS
  - Sellers
  - Developers
- Customer
  - Store Operations
  - Developers

## Delivery

E-Learning module (Likely Articulate Storyline)

## Assessments

End of course quiz

## Resources

| RESOURCE NAME | AVAILABILITY | OWNER | OBJECTIVES |
|---|---|---|---|
| Product Doc | Available | Adam A | 1,2,4,5 |
| Mapping Diagrams | Need to request | Adam A | 4 |
| Use Case Diagrams | Need to build | Kyle | 3 |

## Content Outline

I. Title Slide

a. Welcome to ELR 104: Elera Supported Evolution. In this course you will learn how Elera supports the evolution of retailers for legacy systems to Elera.
b. You will be introduced to the available databridges that translate data between systems and learn about how they work.

II. Objectives
a. After completing this course, you should be able to:
    i. List the three, currently available databridges
    ii. Describe the main purpose of each
    iii. Give example use-cases enabled with databridges
    iv. Describe, in general, how data is mapped from/to legacy systems to/from Elera
    v. List any prerequisite steps to successful use of databridges

III. Evolution with Elera
a. Elera's Evolution Mission
    i. To ease migration to Elera by making data that is currently stored in ACE/SA flat files available to Elera's data structures
    ii. To allow retailers to take advantage of Elera microservices alongside their existing POS investments.
    iii. To avoid high stakes rip-and-replace changes to retailer busines practices.
b. Elera Databridges
    i. Elera databridges, in general, provide migration path from legacy POS to Elera by translating data between the two systems.
    ii. Databridges can be run in the background for fast, automated transfer ensuring that data is available to all services throughout the solution.
    iii. The databridges handle mapping the data from one structure to another so that no settings or configuration options are lost along the way.

IV. Available Databridges
a. Operator Databridge
    i. The operator databridge transfers operator and user data from ACE or SA to Elera.
    ii. When transferring data, it ensures that users permissions and authorizations are transferred as well so that any user in the legacy system will have the same roles, permissions, and passwords when using Elera microservices.
b. Item Databridge
    i. The item databridge transfers data related to items from ACE or SA to Elera.
    ii. This includes:
        1. Catalog items with descriptions and attributes
        2. Item prices
        3. Promotions for items
        4. Item tax information
c. TLog Databridge
    i. The TLog databridge transfers transaction data from Elera microservices the ACE or SA TLog.

        ii. This ensures that records of any transactions performed using Elera are still available for audits and reporting in a retailer's legacy system.
    d. Others Planned
V. Retailer Use-cases Enabled with Databridges
    a. Elera Supported Price Checker
    b. Legacy Traditional POS – Elera Associate Mobile
    c. Full Elera POS – Legacy Accounting and Reporting
VI. How it Works
    a. Each databridge is installed on the store controller where configuration options are set.
    b. The configuration options grant the databridges access to the Elera import/export API and tell the databridge what Elera node ID is being used to represent the store.
    c. Manual Prerequisite Steps
        i. The node IDs for each store must be created in Elera so that the databridges know where to send the data for each store.
        ii. Roles and permissions must be defined in Elera before they can be mapped to existing roles and permissions in ACE/SA.
    d. How data is mapped
        i. Operator
        ii. Item
        iii. TLOG